Technical Data Sheet

**GPD30**

**Oil and Water Service**

## Technical Data:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air drive pressure</td>
<td>1-10 bar / 14.5 - 145psi</td>
</tr>
<tr>
<td>Calculated Outlet Pressure at an air drive of 10 bar/145 psi</td>
<td>300 bar / 4350 psi</td>
</tr>
<tr>
<td>Pressure ratio</td>
<td>1:30</td>
</tr>
<tr>
<td>Displacement volume/double stroke</td>
<td>508 cm³ / 31.0 cu. inch</td>
</tr>
</tbody>
</table>

### Connections:

- **Inlet:** BSP 3/4"
- **Outlet:** BSP 3/4"
- **Air drive:** BSP 3/4"

### Wetted materials of construction:

- **Seal package:** GPD 30: UHMWPE, FKM
- **Pump Body:** 1.4305
- **Piston:** 1.4112 (hardened)
- **Fittings:** 1.4305

### Approximate Dimensions:

- **Height:** 343 mm
- **Depth:** 300 mm
- **Width:** 777 mm

### Available Options:

- Inlet and Outlet piping to one common inlet and one common outlet port

### Available Accessories:

- **Air control units with filter pressure regulator, control pressure gauge and shut off valve:** GPD30 with C2
- **To protect the pump against excessive outlet pressures or to limit the outlet pressure, a safety valve can be fitted to the air control unit in the air drive line:** GPD30 with C2/SVair (The required outlet pressure has to be indicated.)

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Leistungsdiagramm/Performance Graph GPD 30

Prüfflüssigkeit/Test Liquid: Wasser-Oil-Emulsion/Water Oil Emulsion ca. 1 - 10 cst

Betriebsdruck bei/Outlet Pressure at 4 bar
Betriebsdruck bei/Outlet Pressure at 6 bar
Betriebsdruck bei/Outlet Pressure at 8 bar
Luftverbrauch bei/Air consumption at 4 bar
Luftverbrauch bei/Air consumption at 6 bar
Luftverbrauch bei/Air consumption at 8 bar